



THE YEAR OF
COMMUNICATIONS



THE PHILMONT
MOBILE RADIO CLUB

Blurb



NOVEMBER 1983
W3RQZ • W3TKQ • W3QV

OLD TIMERS
NITE



NASA

National Aeronautics and
Space Administration

25

25th Anniversary
1958-1983

VOLUME XXXIII

THE BLURB is published monthly by and for the members of THE PHIL-MONT MOBILE RADIO CLUB, INC. Our purpose is to promote Amateur Radio in general and Mobile Radio in particular. Copying and quoting, with a credit line, is permitted. We gladly exchange publications with other clubs and should be addressed to the Editor. THE BLURB subscriptions are available to non-members at \$6.00 per year, and should be sent to the Treasurer.

DEADLINE - To be assured of current publication, all copy must be in the hands of The Editor by the 12th of the month, but in no case later than the Directors' Meeting.

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Trustee: C. R. Spencer II, W3BBB
W3TKQ The Franklin Institute, Phila., PA 19103
Trustee: R. E. Madera, W3PWG

Every Sunday - 9:30 a.m., 147.63/.03, FM
10:00 a.m., 29.000MHz. SSB
10:00 a.m., 29.493MHz. AM
10:20 a.m., 3.993MHz. SSB
10:30 a.m., 3.610MHz. CW

Nº11

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KC2HX(A) W3SRU(A) W3UY(A)

THE PHIL-MONT MOBILE RADIO CLUB, INC.

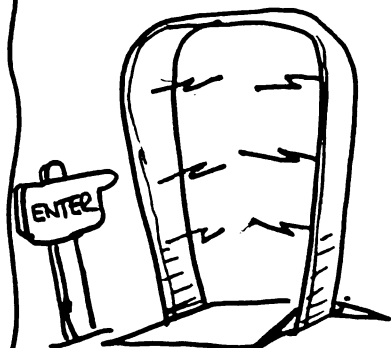
meets on the first Monday of each month
(2nd Monday in Sept. only) at 8:00 p.m. in the
Franklin Institute, 21st & Ben Franklin Pkwy.

ALL VISITORS ARE WELCOME

Club Nets are conducted weekly.

Every Tuesday - 8:00 p.m., 147.63/03, code
practise is conducted, all
are welcome.

SAM'S CORNER



Is W3BBB's NEW
METAL DETECTOR FOR
VISITORS COMING, OR
GOING?

TURN AROUND?

DON, WB3KQJ
WAS ASKED-----
"WHEN DOES MY
LICENSE EXPIRE?"

SEPTEMBER 1983 -- DIRECTORS' MEETING

At 8:10 PM, on September 21st, KB3IV called the September Directors' Meeting, held at the home of W3BBB, to order. - In attendance were: W3's JQD (and Jackie), IIM, IIN, PST, SRU, VVS, GBA (and Grace), GNM, IRS, GIF (and Doris), ZPP; K3KUD, WA3KLR, WB3CMM, WB3KAC & N3ADI. - W3IIN gave the Treasurer's Report -no income - lots of expenses - W3PST reported that the Blurb was alive and well (so is The Editor). Woody asked if anyone would be interested in writing a Computer or Gourmet Column. - WB3CMM said that he will be getting some good prizes for future meetings. Bill also stated that the half marathon went well and that everyone did a good job. - KB3IV told the group that the IEEE will be celebrating their centennial year in 1984. Phil-Mont will plan some type of participation for the IEEE display at the Franklin Institute on October 8-9, 1984. - The minutes of the September General Meeting were read (N3ADI & I were late do to an extended Chinese meal) and approved. - K3KUD said that the October Blurb would contain ballots for Phil-monter of the year. Please mail these back to Bob. - N3ADI told the group that China (BY) is expected to be on sideband during October (if you want to work it, I suggest about 50,000 watts to an antenna about 200 feet above everyone else). - Ed brought up the subject of a new beam for W3TKQ after a brief discussion, it was decided that Ed should talk with W3AWH (you all remember John...he's the tall good looking guy who used to make every meeting) and make recommendations to the Board. - W3BBB said that he is going to replace the Heath radio in MOCOM and is going to put an Isopole (that's an Italian popsicle - Ice-a-pole) antenna on the repeater. - W3IIM told the board that there were 6 no-shows at the Clambake. This cost the club \$51.00. (and put a dent in Jinny's fall wardrobe) -Ed asked for any "new business" and N3ADI woke up and made a motion that the meeting be adjourned. After being told he was out of order, he went back to sleep. The meeting continued and Jack gave details of Old Timers Night, which will be held on Monday 11/7. The cost will be \$10 per person and must be paid in advance (he don't trust you people any more). No money will be accepted at the door. Our president adjourned the meeting at 9:50. Refreshments were served. Thanks to Jim and Elaine for their gracious hospitality. - My thanks to W3IIN for taking the minutes for the first half of the meeting (while I was watching ADI consume 30 pounds of food)

OCTOBER 1983 -- GENERAL MEETING

(Minutes taken by W3IIN - Butchered by WB3KOJ)

KB3IV opened the 407th General Meeting at 8:15 PM on the 3rd of October. - Ed read the obituary of K3DM, Dr. Robert Peterson (Phila. Inquirer 10/3). In the absence of the secretary (Honest Gil, I really had to go to North Jersey) Ed read the minutes of the September Directors' Meeting. The minutes were approved. - W3IIN gave her version of a Treasurer's Report. (we still have money left) - N3DHI conducted the drawing - W3PST (That's two meetings in a row for "The Wood") reported that all is well with the Blurb and that he is still looking for guest editorials and new columns. WA3WAW's XYL was volunteered for a gourmet column, but Tom deferred pending a consultation. - W3AA reported good DX on 20 meter CW & W3AWH (To what do we owe this honor, John? Was the dance floor being resurfaced, or did your feet hurt?) requested the exact frequencies. - W3BBB stated that MOCOM is in good condition and had been used in 9 events this year. The latest being the PAC RATS Hamfest on 10/2. (Next year SRU is going to get the announcers job at the Vet) - The van is still "signless", but Jim is working on it. (Don't rush Spencer...we'll need a new van soon. Then you can get the signs and the van at the same time) A Kenwood 7400 has been purchased (such a

deal we got...Ed should do all of our shopping) for MOCOM, and an SB100 is up for sale. Jim also said that the Repeater has been very active lately, so much so that WB2ROL had been heard complaining about WB3KOJ (who me...I am hardly ever on!) directing a "4" through the city at 6:30 AM on Sunday. - W3VVS told the masses that the meeting was attended by 38 members and 6 guests. Paul, in his usual grand style, introduced: Tom Gibson -W3EAG, Walt Kenworthy -WA3IDQ, Ed O'Malley -WB3KBN, Bill Hempsey -N3DCM, Doris Hamilton -N3DQG, (rumor has it that Al is saving his lunch money to pay for her membership) and Ray Gillespie -KB3JW. While Paul had the mike, he told of his trip to a recent gathering of the ANTIQUE Wireless Collectors and played a tape he had made of a spark gap CW generator. (For those who missed this epic event, a duplicate tape can be had by sending \$10 and a list of all hams over 90 that you know, to W3VVS) - W3AWH reported that a first class nominating committee has been formed and they are in the process of preparing a slate of candidates for the December election. John asked that anyone wishing to place a name in nomination contact him. In regard to W3TKQ, John told the club that he is looking into the purchase of a Telrex beam. (Nothing cheap about John) He hopes to purchase a new printer for RTTY in 1984 - KB3IV read a very interesting article from the Inquirer (10/3) about Albert Lewis Frankenfield which related to W3TKQ. - W3IIM said that the situation with the Clambake no-shows was taken care of and that Old Timers' Night reservations must be paid for in advance. - W3SRU gave a history of RACES & ARES (Duplicate flip charts still available, but going fast) and introduced Tom Gibson (W3EAG), from the Eagleville Office of Emergency Preparedness. He is the Montgomery County RACES officer. Tom gave a very interesting and informative talk. - The meeting was adjourned at 10:05 PM. Refreshments were served. (Thanks to W3IIN for wearing both hats)

OCTOBER 1983 -- DIRECTORS' MEETING
(Taken by WB3KOH - Written by WB3KOJ)

The October Directors' meeting, held on the 19th, at the home of W3IIM & W3IIN, was opened by KB3IV at 8:08 P.M. In attendance were: W3's GNM, ZFP, BBB, GGD (and Jackie); WA3INW; WB3's; CMM, KAC & KOH; K3's JR & KUD; N3's ADI & DHI - WB3KOH, subbing for WB3KOJ, (that's 2 1/2 in a row I missed. Anyone for impeachment? PLEASE!) read the minutes of the October General Meeting, which had been taken by W3IIN. The Board found them much more concise than those usually taken by the elected secretary. (note the extra printing costs for the extra page this month) - The minutes were approved as read. W3IIN gave the Treasurer's report. (W3AWH note, there is still a little left for you to spend) Jinny read a letter from Mt. Airy ARC (PAC RATS) thanking us for the use of MOCOM at their Hamfest. A \$50 donation was included. WB3CMM, taking a minute off from playing with the dog, told of a \$25 donation received from Delaware County ARC, for their use of MOCOM during field day. (Maybe we should go into the van rental business) - Ed read a letter from AK2I stating that the Clubs subscription to the W5YI Newsletter was up for renewal and asking that someone else be found to read the report on the Sunday net. (Nobody does it better than you Jake) The subscription will be renewed and Ed will ask for a volunteer at the next meeting. - N3ADI reported that he did not work China (Time for a new beam, radio & amplifier) and that 10 meters is showing signs of life. - K3KUD said that the awards committee has met and the results will be announced at the December meeting - W3IIN mentioned that we have only taken one new member into the club this year (there were two Jinny) and that badges were under control. - A discussion on net controls again resulted in a suggestion that ALL net control schedules be published in the BLURB. (Does anyone want to tell Woody again?) - W3BBB indicated that there are no

further activities scheduled for MOCOM this year and that he would like to purchase a solid state low band rig for the van. Jim said that the SB-100 is still for sale. - KB3IV reported that a Telrex beam has been purchased for W3TKQ, and since it is being delivered to the Institute, we were able to obtain a 30% discount. (Such a deal) A new rotor is being investigated. N3ADI was appointed head of the "erection committee" (Could I have a lot of fun with that one...but I'll let you use your own imagination) - Ed told the group that before W3SRU departed for the Middle East, (Sorry Baltimore, word has it that he will be back for Christmas) he left him a huge pile of papers pertaining to the Special Club Status project, in which he is involved. Gil asked Ed to find a volunteer to type the report. (How about Jinny and her new IBM PC?) - W3IIM said that the Old Timer's Night Dinner will be held in the ARA room at the Institute and that the food will be provided by KA3AMD. (Steve promises to wash his hands before serving) - K3KUD asked Ed to appoint a committee to review the Club By-laws and to clarify the family membership rule. Ed appointed ZPP, KUD, RM AND AWH. - The subject of code practice was discussed and the consensus was that it should be restarted. Volunteers are wanted. - The meeting was adjourned at 9:20. Refreshments were served and a very good ARRL film about amateur Radio in Space was shown. Thanks to Jack, Jinny and Hildi for their hospitality.

Respectfully submitted,

Don Gordon-WB3KDJ



BYTES FROM THE APPLE

NOVEMBER BIRTHDAYS

07-Donna Scalia (XYL N5EJP)	18-Howard Gilpin - W3SRU
08-John Carbonaro - WA3TPH	19-Marcella Bonck (XYL N3JB)
-Thomas Lecki - WB3IVC	22-Jerry White - WB3FPU
09-Johanna Errigo (XYL WB3EQW)	24-Helen Greenwood (XYL N3AVE)
11-Ruth Kenworthy (XYL W3HNP)	26-Paul Ives - W3SMA
-Genevieve Wright (XYL K3CHR)	27-Melvin Toren - W2GMA
12-Arnold Sadwin - KC2HX	28-Mae Bubeck (XYL W3HYV)
13-Charles Snyder - W2HSA	29-Robert Namm - K2RRC

NOTICE--NOTICE--NOTICE

K3HIJ & N3WW--- YOUR TICKETS EXPIRE THIS MONTH. (WHEN YOU RENEW THEM LET ME KNOW THE NEW EXPIRATION DATE)

NED SCHLICHTING IS NOW A GENERAL...HIS NEW CALL IS N2EMN...CONGRADS.

DING-DONG

Wedding bells sounded recently for two Phil-Monter's...MIKE ERRIGO - (WB3EQW) to JOHANNA and BONNIE (WB3GBN) to BARRY BRENNER (KA3IRM)....

PLEASE HELP ME TO HELP YOU

HAVE YOU UPGRADED, MOVED, GOTTEN MARRIED, CHANGED YOUR PHONE NUMBER, RENEWED YOUR LICENSE OR ARRL MEMBERSHIP? IF SO, PLEASE LET ME KNOW ABOUT THE CHANGE; BY PHONE, BY MAIL OR ON THE AIR -DE WB3KDJ

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- REPRINTED THE FROM PHILADELPHIA INQUIRER - 10/3/83 - ACTION LINE-

In 1915 my father, Albert Louys Frankenfield, taught wireless in Philadelphia at the Chambers Institute of Wireless Telegraphy, 2046 Arch St. He built wireless radio station W3AK and operated it until sometime in the 1930s when he sold it to the Franklin Institute.

As youngsters, my sisters and I were always thrilled and proud when our school classes were taken by bus each year to the Franklin Institute. There was my father's radio set, under glass, being demonstrated by the attendant. The accompanying sign read, "Albert L. Frankenfield." My three children and two nephews were never privileged to see the set. When we took them to see the set we were told it was in the "archives." We were all taken downstairs but the attendant could not locate it. Now there is another generation of descendants from my father, including a great-granddaughter in Alaska who wrote a term paper about her multit talented grandfather.

Now to get to the task at hand. She will be here during the first week in October for a family reunion. Also our children, grandchildren and nephews will be coming in from Alaska, Rhode Island, New Jersey and Pennsylvania. Could Action Line ask the good people at the Franklin Institute to locate station W3AK? It would be such a thrill and surprise to all the members of my family.

-MRS. D.F.M., Brigantine

Get ready for the family reunion next to the exhibit containing the remaining parts of your dad's radio station at the Franklin Institute, 20th Street and the Parkway. The public relations people went all out to help you when we relayed your SOS. They invited all 18 of you Frankenfield descendants to be guests of the science museum on Saturday and they promised to mark the exhibit on the second floor of the institute with a permanent sign as a tribute to your dad.

A museum spokeswoman said researchers checked into institute records and identified three pieces of equipment that they believe may be a part of the radio station. But they are not in the archives; they are on display in the glass case nearest the museum's ham radio station on the second floor. The elements are a transmitter coil, a spark gap (rotary) and an antenna loading coil. "When Mrs. F.M. and family visit Philadelphia in October," the spokeswoman said, "they will be able to see what we believe to be remnants of the old radio station W3AK!"

She told Action Line that the ham radio station now operated by the museum was once operated by your dad, a radio hobbyist of such repute that Rear Adm. Richard E. Byrd picked him to go along on his expedition to Antarctica as a radio operator. "He didn't go when I said I would miss him too much," said his daughter. Despite his formidable talents as a wireless operator, Frankenfield didn't make his living in radio. A civil engineer with a degree from Drexel University, he designed bridges for the Pennsylvania Railroad.

And these are from the ARRL Letter

✓ Early last week (October 3), the state of Arizona experienced severe flooding. John Moore, KC7OE, of Phoenix called Hq. to let us know how the hams were helping out.

Record-breaking flood-water levels were reached near the San Pedro, Gila, and Santa Cruz Rivers. Moore and Arizona Section Manager and Emergency Coordinator Erich Holzer, N7EH, offered their assistance in providing information to the news media. The Public Information Office called the major news agencies providing them with the "hot tips" for finding flood information.

✓ Plagued by the CATV bug? Please take a minute to jot down your experience in a note to ARRL Hq. Your input will help us keep tabs on this national problem. We, in turn, will provide materials to support your local efforts. Cable television interference complaints should be submitted to Richard Palm, K1CE, at Hq.

✓ On September 22, Howard Lester and Harold Gauper of GE briefed the League's Technical Dept. on RF lamps (Vol. 2, No. 16). Lab and residential tests are being conducted in order to gather background information for the League's comments on FCC General Docket No. 83-806.

✓ Senator Barry Goldwater, K7UGA, has announced that he is willing to introduce a bill to authorize the Volunteer Examiner Coordinator (VEC) to recover costs incurred in the administration of amateur exams.

The FCC adopted a regional plan, with VECs in 13 radio districts (last issue) which eliminates an appearance of an ARRL "monopoly".

The bill is pending further rewording; there is agreement in principle, but a difference in words.

✓ The ARRL filed its Reply Comments on the "10-meter amplifier ban," FCC's Notice of Inquiry and Proposed Rulemaking (General Docket No. 83-114) on September 30. The League filed timely comments on this proceeding on August 1 (Vol. 2, No. 16).

The ARRL Comments and Reply Comments discuss the unnecessary and overly burdensome ban on the manufacture and sale of external power amplifiers operating in the 24-35 MHz band.

Some Commission staffers believe that the deregulation proposed by ARRL will somehow lead the members of the CB Service to believe that the Commission has approved the use of power amplifiers in the CB service. However, the League asserts sufficient rules exist in Part 95 to warn CB users that such external power amplifiers are illegal.

The League reiterated its request to delete the ban on the sale and manufacture of 24-35 MHz external amplifiers in Sections 2.815(b) and 97.77(c) of the FCC Rules.

✓ The ARRL Volunteer Examining Program has reached the 1,000 mark for potential Volunteer Examiners. These hams have indicated their desire to serve as VEs once the program is in place. If you would like to serve as a Volunteer Examiner, please contact Curt Holsopple, K9CH, Volunteer Examiner Program Manager, at ARRL Hq.

✓ The FCC issued a news release on October 7 granting the extension of amateur station and operator license terms from five to ten years (P.R. Docket No. 83-337). The renewal grace period is two years. The new license terms will be phased in as licenses come up for renewal. Details will be in December 1983 QST.

✓ ARRL is looking for volunteers for its new ARRL Interference Reporting System (AIRS). Please see the article in October QST, pp. 54-55. Write to ARRL Hq. for an application form.

W5YI REPORT.....

POWER LINES, A NEW RADIATION HAZARD?

Most of us are aware of the possible biological hazards of RF radiation. The government is in the process of setting new RF radiation standards for industry to follow - mainly for emissions in the 30 to 300 MHz range.

Now comes word that Extremely Low Frequency (ELF) electromagnetic waves may also present a health hazard. These electromagnetic waves lie in the 50 to 100 cycles-per-second area and can be created by any alternating current.

Power lines carry current at voltages up to 1,000 times regular house voltages. Researchers at the Massachusetts Institute of Technology have found that animals avoid ELF fields. When they are in such a field their activity and oxygen consumption increases and nerve fibers conduct faster.

Dr. Robert O. Becker, a New York medical center researcher feels that ELF radiation may chronically stress the human body, lower its resistance to disease and interfere with the immune system. Government studies indicate a relationship between alternating electric fields and suicide!

On the surface, it appears that ELF radiation directly influences messages passed by the nerves but this may not be the case. How ELF radiation effects humans really remains uncertain. A five year study in New York will look into possible biological hazards from high voltage lines. But all is not bad. Medical ELF radiation devices exist that can speed up healing of bone fractures.

CURRENT EVENTS

What is this? WQ

A voltwagon pulling a mobile ohm.

Grady H. Pare
Gamaliel, Kentucky

HAM LICENSE REVOCATION AFFIRMED....

Harold R. Claypoole (N6BII) of San Diego, California, has had his amateur license revocation affirmed by the full Commission. Claypoole's station and General Class operator's license were originally ordered cancelled and returned to the FCC last March.

Claypoole had been found guilty of playing party records on 40-meters, using an unassigned (WB6AAT) call sign, broadcasting music and "party records", and willful and malicious interference.

Noting Claypoole has continued to operate in defiance of the order of revocation despite warnings by FCC staff, the Commission said that it "would seek criminal prosecution for violation of Section 301 of the Communications Act" if he continued to operate.

.....

HAM LOGGING RETAINED "WHERE NEEDED"

The FCC has denied David B. Popkin (W2CC) of Englewood, N.J., reconsideration of its recent action authorizing FCC field offices to require amateur licensees to maintain operating and maintenance logs when these offices feel it necessary to resolve interference or deficient technical operations.

Popkin had maintained that the public was not given the proper opportunity to comment on the proposed rule. He also argued that the rules give the Engineer-in-Charge (EIC) of FCC field offices far greater authority than was intended.

The Commissioners said that its rules authorize EICs to require operating and maintenance records for all radio services - not just the Amateur Radio Service - if they feel it necessary and "that prior public notice is unnecessary since this was an internal procedure." As for Popkin's argument that the rule gives the EICs too much authority, the FCC said that "their enforcement effort would be diminished" without it.

ZZZWOPPP and PSCHOPP de W3BeeeBeeeBeeeB

This is the final list of the estates of JGB and ALG, and club property

Drake	MN-7	250w Antenna tuner	\$ 90.00
Tempo	FMH	2m HT, 6 ch w/ charger	50.00
Heath	AF-1	Audio meter	10.00
"	SG-8	Signal Generator	10.00
"	(IM-11	VTVM))
"	(TO-1	Test Oscillator) as one unit)25.00
"	(IT-2	Signal Tracer))
Dietz	235	Electronic Siren, complete	100.00
Kenwood	VFO-180	Remote VFO for 180	70.00
Ameco		Lo-band pre-amp system	15.00
Digapet	160	160 MHz counter	50.00
Atlas	350-XL	Lo-band SSB w/PS and manuals	300.00
Heath	HW-2036	2m FM xcvr(no mike)	100.00
"	SB100	HF SSB w/PS and manuals	125.00
"	S-3	Electronic switch	5.00

CONTACT C. R. Spencer, II, W3BBB - 215-362-5172

One(1) complete Elmac station consisting of the following:

- 1 - AF67 xmtr w/manual
- 1 - PMR7 rcvr w/manual
- 1 - ~~PSM~~ 117 rcvr d.s. w/"S" meter
- 1 - spkr
- 1 - Astatic mike model 10M5
- 1 - wooden rack model 10M5 shelf
- 1 - Honeywell mobile supply

All in excellent condition - - - - - \$120.00

CONTACT H. Paul Bohlander, W3VVS - 215-886-8666

(ptui, wotta fone number)

----- PHIL-MONT'S NOVEMBER CALENDAR -----

06 W3ZPP - 2m NCS

07 Regular Meeting - "Ole Timers' Nite"

08 Election Day - GET OUT AND VOTE! It is your right, privelege and duty, and not necessarily in that order.

11 Veterans' Day

13 WA3INW - 2m NCS

16 AK2I hosts the B of D's Meeting and BLURB DEADLINE!

20 W3AA - 2m NCS

24 THANKSGIVING DAY!

27 N3AVE - 2m NCS

the blurb

A Philmont Mobile Radio
Club Publication

1732 Loney Street
Philadelphia, PA 19111



FIRST CLASS MAIL



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